



Mushroom pushbutton, 22 mm, round, plastic with metal front ring, red, 30 mm, latching, pull-to-unlatch mechanism, with laser labeling, inscription or symbol  
Customer-specific selection with SIRIUS ACT configurator (CIN)

|                                                    |                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                                                                                                      |
| product designation                                | Mushroom pushbuttons                                                                                                            |
| design of the product                              | Actuating/signaling element                                                                                                     |
| product type designation                           | 3SU1                                                                                                                            |
| product line                                       | Plastic with metal front ring, matt, 22 mm                                                                                      |
| <b>Enclosure</b>                                   |                                                                                                                                 |
| number of command points                           | 1                                                                                                                               |
| <b>Actuator</b>                                    |                                                                                                                                 |
| principle of operation of the actuating element    | latching                                                                                                                        |
| product extension optional light source            | No                                                                                                                              |
| color of the actuating element                     | red                                                                                                                             |
| material of the actuating element                  | plastic                                                                                                                         |
| shape of the actuating element                     | round                                                                                                                           |
| outer diameter of the actuating element            | 30 mm                                                                                                                           |
| marking of the actuating element                   | Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) |
| type of unlocking device                           | pull-to-unlatch mechanism                                                                                                       |
| number of switching positions                      | 2                                                                                                                               |
| <b>Front ring</b>                                  |                                                                                                                                 |
| product component front ring                       | Yes                                                                                                                             |
| design of the front ring                           | Standard                                                                                                                        |
| material of the front ring                         | Metal, matt                                                                                                                     |
| color of the front ring                            | sand gray                                                                                                                       |
| <b>General technical data</b>                      |                                                                                                                                 |
| product function                                   |                                                                                                                                 |
| • EMERGENCY OFF function                           | No                                                                                                                              |
| • EMERGENCY STOP function                          | No                                                                                                                              |
| protection class IP                                | IP66, IP67, IP69(IP69K)                                                                                                         |
| degree of protection NEMA rating                   | 1, 2, 3, 3R, 4, 4X, 12, 13                                                                                                      |
| shock resistance                                   |                                                                                                                                 |
| • according to IEC 60068-2-27                      | sinusoidal half-wave 15g / 11 ms                                                                                                |
| • for railway applications according to EN 61373   | Category 1, Class B                                                                                                             |
| vibration resistance                               |                                                                                                                                 |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g                                                                                                               |
| • for railway applications according to EN 61373   | Category 1, Class B                                                                                                             |
| operating frequency maximum                        | 1 800 1/h                                                                                                                       |
| mechanical service life (operating cycles) typical | 500 000                                                                                                                         |
| reference code according to IEC 81346-2            | S                                                                                                                               |
| Substance Prohibitance (Date)                      | 10/01/2014                                                                                                                      |
| <b>Ambient conditions</b>                          |                                                                                                                                 |

|                                                                |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| <b>ambient temperature</b>                                     |                                                                    |
| • during operation                                             | -25 ... +70 °C                                                     |
| • during storage                                               | -40 ... +80 °C                                                     |
| environmental category during operation according to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%) |

| Installation/ mounting/ dimensions          |         |
|---------------------------------------------|---------|
| height                                      | 30 mm   |
| width                                       | 30 mm   |
| shape of the installation opening           | round   |
| mounting diameter                           | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm  |
| mounting height                             | 27.5 mm |
| installation width                          | 30 mm   |
| installation depth                          | 24.4 mm |

| Approvals Certificates   |                   |
|--------------------------|-------------------|
| General Product Approval | Test Certificates |



[Confirmation](#)



[Type Test Certificates/Test Report](#)

|                   |                   |       |
|-------------------|-------------------|-------|
| Test Certificates | Marine / Shipping | other |
|-------------------|-------------------|-------|

[Special Test Certificate](#)



[Confirmation](#)

## Environment

[Environmental Confirmations](#)

## Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-1AA20-0AA0-Z Y19>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-1AA20-0AA0-Z Y19>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-1AA20-0AA0-Z Y19>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1030-1AA20-0AA0-Z Y19&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-1AA20-0AA0-Z Y19&lang=en)

last modified:

1/27/2022

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